



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO..
10/757,911	01/14/2004	Seok-Hun Lim	678-1156	5127
66547 7590 06/20/2007 THE FARRELL LAW FIRM, P.C. 333 EARLE OVINGTON BOULEVARD SUITE 701 UNIONDALE, NY 11553			EXAMINER MUHEBBULLAH, SAJEDA	
			ART UNIT 2174	PAPER NUMBER
			MAIL DATE 06/20/2007	DELIVERY MODE PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary

Application No.

10/757,911

Applicant(s)

LIM, SEOK-HUN

Examiner

Sajeda Muhebbullah

Art Unit

2174

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 14 January 2004.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-6 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-6 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- ☒ Notice of References Cited (PTO-892)
- ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- ☐ Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____
- ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- ☐ Notice of Informal Patent Application
- ☐ Other: _____

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1-6 are rejected under 35 U.S.C. 102(e) as being anticipated by Andrew et al. (“Andrew”, US 6,990,333).

As per claim 1, Andrew teaches a method of changing the setting of user setting menu options in a mobile terminal, the user setting menu options being menu options which a user can set, comprising the steps of:

registering the user setting menu options selected by the user from among menu options available in the mobile terminal as setting categories in connection with set values selected by the user in a scheduling setting group (col.4, lines 24-48);

setting a scheduling timer to a timing value for changing the settings of selected user setting menu options (col.5, lines 1-32);

activating the scheduling timer when a scheduling setting mode is set (col.5, lines 33-44);
and

changing the user setting menu options to the set values of the setting categories upon expiration of the timing value of the scheduling timer (col.7, lines 55-67).

Art Unit: 2174

As per claim 2, Andrew teaches the method wherein the scheduling timer is selected from the group of an appointment timer set at a first predetermined time, a length timer for timing when a second predetermined time elapses, a period timer for timing a predetermined period having start and end times, and a repetition timer for timing a predetermined time interval (col.5, lines 45-67; col.6, lines 1-30).

As per claim 3, Andrew teaches the method wherein the changing step further comprises the steps of:

storing the set values of the user setting menu options corresponding to the setting categories of the scheduling setting group at the start time of the predetermined period of the period timer (col.6, lines 52-67);

changing the set values of the user setting menu options to the set values of the scheduling setting group (col.6, lines 52-67); and

returning the user setting menu options to the stored set values when the end time of the predetermined period of the period timer is reached (col.7, lines 55-67).

As per claim 4, Andrew teaches a method of changing the setting of user setting menu options in a mobile terminal, the user setting menu options being menu options which a user can set, comprising the steps of:

registering the user setting menu options selected by the user from among menu options available in the mobile terminal as setting categories in connection with set values selected by the user in a scheduling setting group having a unique identifier (ID) (col.4, lines 24-48);

Art Unit: 2174

setting a scheduling timer to a timing value for changing the settings of selected user setting menu options registered as setting categories in a scheduling setting group selected from at least one scheduling setting group (col.5, lines 1-32);

activating the scheduling timer when a scheduling setting mode is set (col.5, lines 33-44);
and

changing the user setting menu options in the selected scheduling setting group to the set values of the setting categories upon expiration of the timing value of the scheduling timer (col.7, lines 55-67).

Claims 5-6 are similar in scope to claims 2-3 respectively, and are therefore rejected under similar rationale.

Conclusion

3. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

- Chen et al. (US 6,968,216) teaches a method of controlling ringer characteristics in a mobile device.
- Anders et al. (US 2004/0203644) teaches a method of customizing rings according to a schedule in a mobile device.
- Davis et al. (US 2002/0052225) teaches a method of activation/deactivation of modes during a period of time.

Art Unit: 2174

Communications

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Sajeda Muhebbullah whose telephone number is (571) 272-4065. The examiner can normally be reached on Tuesday/Thursday and alt. Mondays from 8:30 am to 5:00 pm (EST).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kristine Kincaid, can be reached on (571) 272-4063.

The central fax number for the organization where correspondence for this application or proceeding is assigned is (571) 273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Sajeda Muhebbullah
Patent Examiner
Art Unit 2174

Kristine Kincaid
KRISTINE KINCAID
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100